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APRIL 1892.



The Only Agricultural Magazine Published in Maryland.



Maryland

Farmer

AND

NEW FARM.

OUR 29TH YEAR.

WALWORTH & CO.

871 N. HOWARD ST.,

BALTIMORE, MD.

April 28, 1892.

# THE MARYLAND FARMER

✧ Baltimore, Md. ✧

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Agriculture, Horticulture, Live Stock and Rural Economy,

THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXIX.

BALTIMORE, April 1892.

No. 4.

## THE TIRED WIFE.

BY JOSEPHINE POLLARD.

All day the wife had been toiling, from an early hour in the morn,  
And her hands and her feet were weary with burdens that she had borne ;  
But she said to herself, "The trouble that weighs on my mind is this—  
That Tom never thinks to give me a comforting word or a kiss.

"I'm willing to do my duty, to use all my strength and skill  
In making the home attractive, in striving my place to fill ;  
But though the approval of conscience is sweet, I am free to say  
That if Tom would give me a hug and a kiss, 'twould take all the tired away."

Then she counted over and over the years she had been Tom's wife,  
And thought of the joys and sorrows she had known in her married life ;  
To be sure, there was money plenty and never a lack of food,  
But a kiss now and then and a word of praise would have done her a world  
of good.

Ah, many a one is longing for words that are never said ;  
And many a heart grows hungry for something better than bread ;  
But Tom had an inspiration, and when he went home that day  
He petted his wife and kissed her in the old time lover-like way.

And she—such enigmas are women ! who had held herself up with pride,  
At her husband's display of fondness just hung on his neck and cried,  
And he, by her grief reminded of troubles he might have shared,  
Said :

"Bless my heart ; What a fool I've been : and I didn't suppose you cared."

For The Maryland Farmer.

## OUR NEW FARM, XXXII.

### ANXIETIES.

**C**OMING IN for my dinner one bright Spring day, I found Mrs. Camden and my wife in very earnest conversation.

Now, it is an old saying that the curiosity of women is a remarkable quality peculiar to the sex; but I must acknowledge I felt some curiosity myself as to the subject of their so earnest talk.

Perhaps country life develops this to some extent in both sexes; for aside from the farm work very little occurs to vary the general course of peaceful existence or to satisfy any love of the new, or any tendency to change which we all to some degree have in our hearts.

At any rate, after washing and brushing my hair and getting ready for dinner I stepped into the dining room where they were talking so earnestly, and naturally asked what was the matter.

Wife at first said nothing; but Mrs. Camden finally spoke up:

"Well, Mr. Green, I came over to ask about Mr. Roberts, who you remember came down from the city to your daughter's wedding."

I remembered to have seen him quite frequently of late in our neighborhood, and that he had been to meeting once or twice with the Camden family.

I said:

"Why, what about him?"

Mrs. Camden said:

"I suppose I may as well speak right

out. He has been visiting our house quite frequently and seems to have taken quite a notion to our Josie."

Then I asked smilingly:

"Has Josie taken a notion to him too?"

She answered:

"As to that I don't know. She says very little on the subject, but always treats him in a pleasant friendly way. I do not however wish to encourage his coming unless I know more about him."

Then I said:

"He is a clerk in Baltimore, getting a fair salary, I believe; boarding with his widowed mother. There are a brother and sister, besides this one; and they are living comfortably."

She replied to this:

"Mrs. Green has told me all this; but I wish to know something more, which she cannot tell. What are his general habits and what are his prospects?"

I gave her an answer something like this:

"Now, Mrs. Camden, I hardly know what to say. If we had continued to live in the city I do not know as I should have objected to his attention to my daughter; and yet, after we moved out here I think I should have regretted it. But my daughter did not take any fancy to him."

At this she drew a long breath:

"I see he smokes cigarettes when he

is here after his meals, although Mr. Camden does not and James never used tobacco."

I answered this :

"Most young clerks in the city smoke cigarettes and it is not thought generally to be against them, although the fact that James did not was greatly in his favor with me."

Then she asked me :

"Do you know, Mr. Green, anything about his habits?"

I said :

"Yes, I used to know the family quite well, I do not think he has any of what are called "bad habits." He attends the theatres occasionally and sometimes balls. But he is not extravagant in dress or in other matters, and I have never heard of his drinking liquors."

She then commented :

"Of course, that is all very well. But it does not seem to just satisfy me. I don't know as I have any real call to make these inquiries now; but if Josie should take a fancy to him—there, I would be sorry not to have learned about him."

Then I continued :

"He used to attend church regularly and I believe was in the bible class with my daughter when we lived in the city, and I think that was the reason of his being invited to the wedding."

Mrs. Camden then said :

"You say he is a clerk and helps to support the family. Do you know anything of his prospects in the future?"

I had to answer :

"No. I know very little about that. He is probably 26 or 27 years old, and has been with his firm some years. Some persons, you know, may remain clerks

all their lives, while others may rapidly outgrow that position. I don't know, sometimes, which is best—the salaried position, or the cares and troubles of one's own business."

She then said :

"What troubles us, more than all, is, the thought that Josie may leave us, and the quiet happy life she is living here, for a life uncertain at best in the city."

Mother then spoke up :

"Ah, yes; I know just how you must feel about that. Although we had settled that our daughter should not leave us far, I had many very anxious hours about her leaving her home here and taking upon herself the cares of another, until father and Mr. Camden concluded to build a home and divide up the farms."

Then Mrs. Camden said :

"I have indeed laid awake nights thinking over this matter of Mr. Roberts and Josie, until I have felt that I must talk to some one on the subject. Perhaps it will not amount to anything. But, if it should, I don't know what we should do. To have Josie leave for the city would just upset us, entirely."

To this mother made answer :

"Perhaps, Mrs. Camden, you are borrowing all this trouble for nothing. I have not seen any signs that Josie cares particularly for Mr. Roberts. She is full of life; but I don't see any signals of the countenance, which speak of other than casual acquaintanceship."

To this Mrs. Camden said :

"I think this is so, at present, on Josie's part. But that Mr. Roberts should come down so often shows something more on his part."

Then mother said :



"Well the first time I get a good chance I will have a talk with daughter and see what she says about it."

Mrs. Camden thought that would be a good plan, and went home to eat her dinner with her husband and Josie.

I could see that she still felt very anxious and would welcome any information she could get in reference to the feeling of the young couple. So I told mother, that while everything was fresh in her mind she had better go over to daughter's and have a talk with her. This she did immediately after dinner, and the substance of the conversation was about this way :

Mother asked :

"Daughter, how is it about Josie's young man? Don't he seem to come there pretty often now?"

Daughter answered :

"Why, yes, pretty often. He seems to be hit pretty hard. Josie's a good girl—too good for him."

Mother said :

"How, now! what do you mean?"

Daughter replied :

"Oh nothing. He's good enough; but I always thought him a frivolous sort of young man, who wouldn't amount to much."

Mother smiled somewhat and said :

"I know you were not particularly struck with him; but isn't he as good as the average?"

Daughter said :

"I suppose so. But James is worth twenty such as Mr Roberts."

Then mother laughingly said :

"I don't know what you would do with twenty in James' place."

And then both had a hearty laugh. Then mother continued :

"How does Josie feel? What does she say?"

Daughter answered :

"Oh, Josie isn't touched yet. She just treats the matter seriously whenever I joke her about it—and says, she's careful to give him no encouragement."

Then mother told her she didn't want her to tell Josie what she was going to say, and then related to her how anxious Mrs. Camden was about the matter. To all of this daughter made answer :

"This is more serious than I at first supposed. Mr. Roberts is a good sort of young man. Not my sort, to be sure, but there can be no serious objection to him as I see, should Josie come to care for him. But I am sure she does not care for him now."

Mother said :

"Well, the attractions of the city may help Josie to care for him."

Daughter replied :

"In this case, I don't think so. Josie does not seem to hanker for the city. Besides she has a way of speaking about Mr. Roberts which shows that she is "heart free." I can't say how exactly, but I see this intuitively."

Then mother said :

"I shall talk the matter over with Mrs. Camden, and I think it will ease her anxiety. She is much troubled with the idea that Josie will go away from them."

Daughter answered :

"She must expect her to go away, and I think when love says go, she will have to go. But I don't think this is the right one yet. It may be in the end; but I don't think so now."

When afterwards mother had talked with Mrs. Camden on this subject and

told her what daughter had said, mother told me that Mrs. Camden felt very much relieved in mind. She said, that she had advised her to say nothing; but to let things move on for the present. If Josie gave Mr. Roberts no more encouragement than she had thus far, it would not be long before he would cease his visits."

One of the greatest anxieties of country life is the departure of the children from the farm, some for city or village life, some for distant parts of the country. But thus it is always when love and marriage come to our children.

*(To be continued.)*

For The Maryland Farmer.

#### PLANTING TREES.

Get your trees from a near by nursery with your own team. Let them be dug while you are there waiting for them.

See that they have plenty of good roots, and the body of the tree will come all right. The roots should be free from mutilation; or if at all broken the ends should be cut smooth with a sharp knife.

Have the earth loosened deeply, and it should consist of good soil suitable for the growth of corn—the hole extending considerably beyond the circle of roots.

Put in first fine earth of good quality—no manure. Upon this spread out the roots taking care that no hollow place is left beneath the tree. Then sift in fine dirt all over and around the roots and pour in a pail of water. Cover again with fine soil and then shovel the balance on and press in with the foot.

Now see that the land is the highest next to the trunk of the tree. Then

mulch the ground well with leaves or the stable bedding and the work is done.

Then this tree should be properly cultivated and cared for, just as any other thing you may plant, for some years. If neglected, it will never amount to much; but if it receives care, you will have a good return from it.

For the Maryland Farmer.

#### CORRESPONDENCE.

Mr. Editor:—It having been some time since we communicated with our old friend, the MARYLAND FARMER, and not wishing to be regarded as luke warm respecting its friendship or that of its patrons, I herewith announce myself as once more entering the practical field of agriculture—your journal—for the purpose of holding conversation with those who cultivate God's fields that have been provided through his munificent providence to bring bread to the hungry and clothes to the naked.

I would express my gratitude with thousands, I am sure, for the abundance at our doors which enables the American people to help the starving Russians. We have enough and to spare of bread, and of this we give gladly; but the farmer has not much money, owing to our restricted market—as those who would be our best customers are prohibited from a reciprocal advantage of exchange on equitable grounds, and therefore buy as little as possible. And this little is the only source of demand for the surplus of our cereals, that prevents us from having to burn them.

I cannot for the life of me see how it

is possible for the American farmer to be so blind as to permit any one to impose upon him to the extent that has been done by the politician. He must certainly be aware of the fact that the surplus crop of the United States makes the price of the crop, and that this price is fixed in Liverpool. We are compelled to sell in competition with the pauper labor of the world, and not permitted to buy where we sell; but are compelled to use this money where the McKinleys say we shall. And in doing so it requires the money we receive for our grain to be spent in the United States, where it takes from our pockets from the small amount received, in many instances more than double the amount for the article bought, than the same could be purchased for where we find the only market for our surplus produce.

This is the effect of tariff, and that in the face of facts that can not be refuted; which are, that the manufacturers in the United States can compete with the world in nearly every line of goods that the farmer has to buy. The raw materials are at their doors, and with improved machinery that surpasses every other country, and labor as skilled as can be produced, and much more rapid in the performance of the work than European workmen.

There is no use for legislation that keeps the farmers poor, and makes them the worst of slaves to the favored few. We are willing to work and use to the best of our ability the talents God has given us but he does not require such unequal distribution of our earnings.

The Pharaonic days were past we hoped and that we were not expected to make bricks without straw in this so called en-

lightened christian nation. But if we, as farmers, do not exert ourselves and try to secure such legislation as shall relieve us of this more than heavy burden, it can only be a limited time before the few monopolists will own the most, if not all we have. I therefore plead in the name of equity and honesty for my brother farmers to arouse themselves on this the eve of a Presidential election and as one man work together for a clean cut, square, capable man for President, who has proven himself to be the people's friend—Grover Cleveland.

Respectfully yours

T. R. CRANE.

March 28, 1892.



SPRAYING TREES AND VINES.

Evidence accumulates that spraying is of very great benefit where good fruit is wanted. There are several very good compositions which may be used for this purpose, and while we do not relish the idea of using any arsenical preparation, still, that spraying will hereafter become



more and more a necessity, seems an evident fact.

Many comparisons have been made in orchards between trees sprayed and those immediately adjoining and not sprayed, even to the extent of finding 80 per centum perfect where sprayed and only 10 per centum perfect where not sprayed.

With this difference, in large orchards the success or failure of fruit crops is seen to depend upon the use of the sprayer.

In this connexion we give a cut of the sprayer of Wm. Stahl, of Quincy, Ill., one of the best on the market.

In the generality of cases we believe Pyrethrum to be fully as good as Paris Green, or London Purple, or arsenic in any other form, and it has no danger in it for other than insects. It costs a little more in the beginning, but better pay the extra cost than run the risk of arsenic.

To be sure, if used with great care, the arsenic risk is small—the trouble is, that it is not used with great care; but notoriously with great carelessness. Prof. Cook, of Michigan Ag'l College, the great advocate of Paris Green, uses it with the minimum of risk, of course; but farmers generally are apt to allow the packages of paris green to lie around very loosely, and thus we hear of accidents not only to cattle, horses, hogs, etc.; but even to loss of life of the farmers themselves, or their sons or daughters.

The value of spraying, however, as to the fruit is unquestionable.

THE London Zoological Society possesses a white peacock. The bird preserves the markings which distinguish

the species, particularly the large eye-like spots on the tail feathers. The effect of these spots is remarkable. They are exactly like the spots on a damask tablecloth.

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For The Maryland Farmer.

#### THE MARYLAND FARMER.

I am exceedingly happy to receive from the publishers that old and excellent journal, and specially glad to see our able and tried editor connected with it (Col. Malone.) He has been tried in our county (Wicomico) for years as general, political and farming editor on various papers and without a peer in them all. What is more, he has been a most successful practical farmer and trucker, near Salisbury. When he writes for his journal therefore he knows both by theory and practice about what he writes. If any farming editor in the State wants to have a sparring bout with our ancient youngster my advice to him is, keep the ground clear well out in the rear, for you'll sure have to paddle with a merry ske-daddle.

W. C. M.

Barren Creek Spring, Md.

March 16th, 1892.

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#### A PLEASANT VISITOR.

Col. Goetting of Springfield, Mass. paid us a visit the latter part of March, and gave us some very amusing accounts of his farming, poultry raising, etc. His farm, overlooking a magnificent landscape in the Connecticut Valley, would seem to be all that heart could wish for a country home; but from the comical experiences and the inimitable manner of

relating them, the Colonel gave his hearers a very enjoyable hour. Some of the experience in the purchasing of stock, as an amateur poultryman, and the subsequent management of them when sick or weak legged, were unique. The final conclusion of his family to give up a country residence to some experienced tenant was the natural result.

#### ITEMS FOR REMEMBRANCE.

Have plenty of the best fruits, so that you can supply your own family with the best quality. Then carefully assort for market, getting the best price for your No. 1 quality and willing to take a less price for the balance. But be sure that your family are supplied with the best. Use the culls in some other way—manufactured or for stock food.

\* \*

Be careful in the selection of your help—especially so if you have sons who will be in any way associated with them, or influenced by them. Loungers about a country saloon, heavy drinkers, users of profane language, inveterate tobacco smokers are not desirable help, either for your interests or the pleasure and welfare of your family.

\* \*

Make poultry comfortable on your farm; give it in charge of sons or daughters; let them have the benefit of all they realize from it; begrudge them no part of their success; and this you will find an experiment that will pay.

\* \*

Make it a rule that those who use tools or implements during the day shall see

that they are stored under cover at night. It is a good rule on many accounts; principally, because it costs more to have good implements exposed to one storm than will pay for all the time it takes during a season to protect them with shelter every night.

\* \*

Creameries are a great institution in that they relieve the family of an immense amount of hard work; and produce a better article for market than the ordinary farmer would supply. Still it is well to remember that made in large quantities, with a mixture of a great variety of milk, butter cannot be made to equal the “gilt edged” product of the expert in the family.

\* \*

You can get more out of a kitchen garden of one acre than you could buy from the produce of any five acres of grain on your farm; and then the produce of your own garden would be better, more fresh, more to your liking, more satisfactory in every way. This being a fact, what should prevent your having a first class kitchen garden?

\* \*

Pick out the assortment of vegetables you wish to grow; get a reliable quality of seed from some well known seed house; put your garden land in the best of order, using compost whose base is hog pen and cattle manure; plant with method and reasonable discrimination; give clean culture; and you will not be disappointed.

\* \*

In the spring we are all more or less inclined to try experiments. Choose first those which are not costly; next try them on a small scale. It is a mistake

for yourself and for your family to spend largely, or run large risks, upon uncertainties. No matter how well recommended anything comes to you, try it in a small way at first. Better a year's loss of time, than the loss of comforts in the home, or perhaps the home itself.

\* \* \*

We live for the enjoyment which life brings to us. Every day should bring some enjoyment. Don't put it off for years, or to eternity perhaps—have it now. The produce of your farm should bring it every day. In spite of everything give your family and yourself the very best that your farm can supply.

---

The following four items are excellent editorials from the *Germantown Telegraph*, which we transfer bodily to our columns. They may be read and practiced with great profit:

#### Extra Early Onions.

In a very cool hot bed, one that is only hot enough to keep out frost, sow onion seed broadcast, but rather thinly. When well up, weed by the hand and trot them along by careful watering and airing until they are as large as three-eighths of an inch in diameter in the bulb.

Have ready an extra rich piece of land, plowed not over four inches deep, and set the young onions out in rows one foot apart, and six inches apart in the rows.

You will say you never weeded onions after that half so easily.

They will grow twice as fast, grow twice as large and be twice as tender and delicate flavored, and will command two or three times the usual price in market.

All this demands foresight and energy, and knocks the cockneys high.

#### Seed Time.

This is the true seed time for the farmer and gardener. Stocks are now on hand, well seasoned, perfectly ripe, if they ever will be, and are ready for that close examination which must be giving them

Try the seed by cutting into them, as advised, or test by trial:

In an earthen pen or a shallow box place some good soil, two or three inches deep, pat it down level, lay a piece of flannel on the earth, on this lay the seed—100 of them—nicely spaced, half an inch apart each way. On the seed lay another piece of flannel and water the whole well.

Then on the last flannel place an inch of earth; set the whole in a warm room close to the window. At the end of ten days lift off the top flannel, earth and all, and if all have sprouted, cry good; if only eighty; still cry good; if seventy, say fair; sixty, medium; fifty, bad.

#### Management of Seeds in Hot-Beds.

The seeds usually sown in hot-beds for transplanting to the garden in April and May are beets, cabbage, cauliflower, cucumbers, eggplant, lettuce, mellow, peppers, squashes, sweet potatoes, tomatoes.

They must be sown only long enough before the usual time to transplant, so that the plants shall be well established, but not overgrown.

An overgrown plant in heat soon becomes spindling and feeble, and never does well afterwards.

The length of time before transplanting, or the time to sow in hot-beds, depends on several things, among which are the



quality of the seed, the vigor of the hot-bed (whether slow or quick), the time when the temperature out-doors is right for transplanting, and the general earliness or lateness of the spring.

Plants in hot beds must be weeded and cultivated exactly as if growing out of doors.

#### Care of Plants in Hot-Beds.

Some plants are very susceptible to excess of moisture and heat, and in a few hours of such treatment, will rot to the stem, where it springs from the soil.

This is called "damping off." Thousands of plants are thus lost in a night.

Air is the remedy; raise the sash a few inches and let in the cool air from outside and withhold water.

When seed first come up, every sign of mildew, mould or greenness of the soil must be driven off at once. This is best done by using a small rake between the rows, and giving plenty of fresh air.

The next trouble is in growing long legged. This arises from the earth being too far below the glass, too much heat and too much water; three inches from glass to soil is about right.

The amateur has a fine field in but a single hot-bed to study cause and effect

The Farmer's Pleasant Life.—Boston Girl (to Uncle James)—Do you like living on a farm?

Uncle James— Yes I like it very much.

Boston Girl—I suppose you like it well enough in the grand summer time, but to go out in the cold and snow to gather winter apples and harvest winter wheat, I imagine might be anything but pleasant.—*Texts Siftings.*

#### Anniversary of Postage Stamps.

The postage stamp will celebrate its fifty second anniversary on May 6. Its invention is due to a printer, James Chalmers, of Dundee, Scotland, who died in 1853. England, fifty-two years ago, introduced the new system of prepaying letter postage, and according to a decree on Dec. 21, 1839, issued the first stamps which were to be put before the public on May 6 of the following year.

A year later they were introduced in the United States and Switzerland, and within three years were common in Bavaria, Belgium and France. One of the most important and valuable collections of postage stamps and other postal devices in the world is in the German imperial postoffice museum at Berlin.

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Search thine own heart; what paineth thee  
In others, in thyself may be;  
All dust is frail, all flesh is weak;  
Be thou the true man thou dost seek.

—Whittier.

#### How I Made Money.

While visiting my cousin in Illinois last month. I learned she had been making money plating with gold, silver and nickel, using the Lightning plater, which she told me worked to perfection. After I got home I sent \$5 to H. F. Delno & Co., Columbus, Ohio, and obtained one of their plating machines and I have now all the work I can do. My brother gets the order and I do the work, and it is surprising how much work can be had. Every body has spoons, knives and forks to plate and you can plate quick and nice. One week I made \$12.50 and this last week \$9 and didn't do much work. As this is my first lucky streak I give my experience, hoping others may be benefited as much as I have been.

CARRIE GRIMES.

## BOVINES VS. EQUINES.

The differences anatomically and physiologically between the cattle tribe (Bos) and the horse family (Equus) is an interesting study. In parallel tables these can be seen at a glance.

## CATTLE.

Have two toes.....  
 Horned .....  
 Have no mane.....  
 Long hair in a tuft at end of tail.....  
 Pawing with fore feet denotes anger.....  
 Seize forage with the tongue.....  
 Lips slightly movable.....  
 Have no upper incisor teeth.....  
 Lie down fore parts first.....  
 Rise on hind legs first.....  
 Short mouth. No space between incisor  
 and molar teeth. ....  
 Four stomachs.....  
 They chew the cud.....  
 Intestines small—120 feet long.....  
 Have gall bladder.....  
 May vomit .....  
 May breathe through the mouth.....  
 Mouth generally open when wearied.....  
 Defence by goring.....  
 Bellow or moo.....  
 Do not sweat.....  
 Have dewlap.....  
 No warts on inside of hind legs.....  
 Never use teeth in fighting.....  
 Do not retract the ears.....  
 Very rough tongue.....  
 Short, broad head.....  
 Wide, drooping ears.....  
 Limbs formed for strength.....  
 Live twelve or eighteen years.....  
 Do not roll in the dust.....  
 Sleep with both ears alike.....  
 Lie down to sleep.....  
 Eat and lie down to ruminate.....  
 Shoulders straight.....

## HORSES.

Have one toe.  
 Without horns.  
 Have flowing mane.  
 Tail covered with long hair,  
 Pawing with fore feet denotes hunger.  
 Gather food with the lips.  
 Lips very movable.  
 Have upper and lower incisors.  
 Lie down hind parts first.  
 Rise on fore legs first.  
 Mouth long. Space between front and  
 back teeth.  
 One stomach.  
 Do not chew the cud.  
 Intestines large—60 feet long.  
 Have no gall bladder.  
 Do not vomit.  
 Don't breathe through the mouth.  
 Mouth never open from exhaustion.  
 Defence by kicking.  
 Neigh or whinney.  
 Perspire easily.  
 Have no dewlap.  
 Hard, oval warts inside hind legs.  
 Use the teeth in fighting.  
 Retract the ears when angry.  
 Soft, smooth tongue.  
 Long, narrow head.  
 Erect, narrow ears.  
 Limbs formed for speed.  
 Live thirty or forty years.  
 Do roll in dust.  
 Sleep with one ear forward.  
 Often sleep standing.  
 Never ruminate. Eat little and often.  
 Shoulders sloping.

**Horse Wisdom.**

Look well to the horse's feet, if you intend to buy, see that the hoofs are tough and clean, with plenty of frog and well set up on the heel, otherwise the horse will never stand hard road work.

Use the brush freely upon your animal. A good stiff brush is the proper thing. When a horse's coat shines your mind will be at ease and when it is rough and stands on end, you may be sure the horse is suffering.

When a horse shies it is because he sees something he does not understand. Speak to him coolly, calmly and kindly; give him time to collect his scattered senses and when he sees that all is right the trouble will soon end.

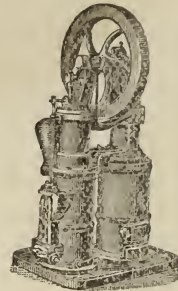
**WATER FOR THE FARM.**

The economical supply of water on the farm is one of the most important of considerations. That streams and springs may be convenient, or wells in readiness to give the supply, is a matter of course; but how to have the supply where it is needed with the least labor and at the most reasonable cost is the problem.

To accomplish this, much ingenuity has been exercised and many contrivances invented, from the ditch on the hillside to the perfection of mechanism in the engine. Who does not remember the water-wheel in the spring house slowly turning? or the later water ram with its more rapid motion? or the towering windmill with its tanks exposed to the storms and cold of our changeable climate?

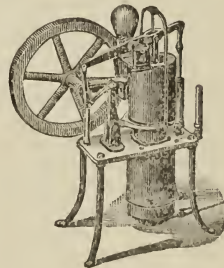
We have been recently pleased with

the small and beautiful hot air engines which have been adapted to this work. With but little fuel and with no steam, and none of the danger which accompanies steam, these hot air engines work



RIDER.

noiselessly almost, and place the water wherever it is wanted: In the barn yard or the barn, or in the highest room of the dwelling—in the garden among the strawberries which are always wanting



ERICSSON.

water, or putting out the fire which some careless hand has started by throwing away a match.

With this article we give cuts of two of these hot air engines. One is called "Rider," the other "Ericsson," and either of them will do the needed work perfectly. They are so simple that any-



one can understand and operate them. They are manufactured by The Delamater Iron Works, New York; by addressing whom any of our readers can obtain catalogues, and all the information they may desire. One great thing in their favor is, that only a little wood fire is needed to set them in motion, and wood is the farmer's fuel.

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#### Rusty Tools.

If a plough or other steel implement has become very rusty, make a mixture of half a pint of oil of vitriol poured slowly into a quart of water, and apply to the rusted metal. Wash off with water and scour in the usual manner. It is better, however, not to let any implements get rusty.

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For the Maryland Farmer.

#### STILL ROOM ABOVE.

Justice Story desired to compliment the Hon. Edward Everett on one occasion and thus delivered himself:

"Fame follows merit where ever (Everett) it goes."

Everett not caring to be outdone replied:

"No matter how elevated the standard of intellectual culture may become, there will always be one Story higher."

Let our cultivators of the soil endeavor to emulate these sentiments and be sure to get as high as, if not higher than their neighbors in the cultivation of crops.

There is a great field in the agricultural world for the display of intellect and native born talent. No calling

exceeds it in this particular. Young man, stay on the farm; be monarch of all you survey; be nobody's hireling or slave; elevate the calling by systematic culture and management and you will build a monument as lasting as granite.

FORESTER.

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#### Fertilizer for Pot Plants.

The following is a formula used by a noted English grower, who says in the Horticultural Times: I have tried many kinds, and have made up the following for myself:

To a gallon of bone dust add a gallon of dry, fresh wood ashes, and half a gallon measure full of guano, and about the same quantity of freshly slaked lime after it is cool.

Mix the whole well together, and add an equal bulk of dry, sandy soil, after which the whole may be sifted or screened and then preserved in a tub in a dry place for use as it is required.

It must be used dry, in the shape of a top dressing, and a very slight sprinkling is sufficient, as it is very stimulating in its action.

On no account should it be sprinkled over the foliage of such woolly-leaved plants as pelargoniums, gloxinias, gesneras, etc., these being quite spoiled if it touches them.

---

#### Electric Belt Free.

To introduce it and obtain agents the undersigned firm will give away a few of their \$5.00 German Electric Belts invented by Prof. Van der Weyde, Pres. of the New York Electrical Society (U. S. pat. 257,647) a positive cure for Nervous Debility, Rheumatism Loss of Power, &c. Address at once Electric Agency, P. O. Box 178, Brooklyn, N. Y.

**An Agricultural Creed.**

According to the Canadian Farmer, the agriculturists of Canada met in convention not long ago and adopted for themselves the following creed:

"We believe in small farms and thorough cultivation.

We believe the soil lives to eat as well as the owner, and ought, therefore, to be well manured.

We believe in going to the bottom of things, and, therefore, in deep plowing and enough of it. All the better if it be a subsoil plow.

We believe in large crops that leave land better than they found it, making both the farm and the farmer rich at once.

We believe that every farm should own a good farmer.

We believe that the fertilizer of any soil is a spirit of industry, enterprise and intelligence; without these lime, gypsum and guano will be of little use.

We believe in good fences, good farm-horses, good orchards, good children enough to gather the fruit.

We believe in a clean kitchen, a neat wife in it, a clean cupboard, a clean dairy and a clean conscience.

(Here it is suggested that an additional article should be added to this effect: We believe in a thoughtful husband, of clean habits, always cheerful in word and act, accommodating and kind, providing a well filled wood-shed, water in the kitchen and dairy, and never lacking of loving words in his family.)

We believe that to ask a man's advice is not stooping, but of much benefit.

We believe that to keep a place for everything and everything in its place saves many a step, and is pretty sure to

lead to good tools and to keeping them in order.

We believe that kindness to stock, like good shelter, is saving of fodder.

We believe that it is a good rule to sell grain when it is ready.

For the Maryland Farmer.

**THE LOWER PENINSULA.**

I have just been through a part of the lower Eastern Shore. In four counties I find very much good land; or that which would be good, if only a little money was expended upon it for drainage or ditching. It would cost about two or three dollars per acre to drain it fairly well—a little more would put it in first class condition. I am sure that a large part of it would yield double the amount of produce after drainage that it would now.

A large part of the land is a fine red clay, some dark loam and sandy land, all of which under an improved system of cultivation could be made to yield 50, 60, or even 70 bushels of corn to the acre. It would now bring about 10 or 15 bushels.

These lands can be bought right on the line of the B. & E. S. R. R., or the N. Y., P. & N. R. R. for about \$10. to \$15. per acre, any of which with some improvement could be sold for \$30. to \$40. per acre.

All these lands want is good farmers upon them. Any one can see that the tenants in a large majority of cases are no farmers at all. Only about one in ten has a decent shelter for his stock, or a good house for his poultry.

All of this indicates a low standard of farming. Most of the people never

travel to see how good farming is done by those who do know how; nor read any agricultural papers, which would help them out of their difficulties. They seem to be content because their fathers lived in the same way and died out of debt—and this was because their wants were few.

These people seem to believe in the old maxim: "Man wants but little here below, nor wants that little long."

This lower Eastern Shore is a delightful country, filled with nature's choicest blessings, only an enterprising population wanted to make it a fair Eden.

Yours occasionally.

TRAVELLER.

---

#### Rhubarb Culture.

Of all garden plants raised in the open ground rhubarb is the first to come into use in the early spring. Half a dozen of well established plants if properly cared for will furnish stalks enough for a family. Thus any lot holder in a town who has a small space to spare may keep his family supplied with the best cooking substitute for apples that we have. But it will not do to set out a few rhubarb plants in poor soil and leave the ground to pack down around them without any cultivation. They need high manuring, and the earth around them should be kept in a loose, friable condition.

For several years, writes a correspondent in the New York World, I have had the opportunity of observing the great difference in the quantity and quality of the product where they were well cared for and where they were neglected.

When open headed barrels have been set over the plants the stalks have grown

long and spindling and were very brittle and tender, and the flavor seemed improved. But I don't think the quantity is increased, and if it is continued long I believe it will enfeeble the plants.

I have noticed also that there is a wide difference in the value of different varieties. I have two, one of which is much superior to the other both in yield and quality, but I do not know the name of either. Seedsmen quote the Linneas as one of the best.

It takes so long to get producing plants from the seed that the best way is to propagate by roots set deep enough to have the crowns well covered. As the plants increase in size the roots may be subdivided to make other hills. Plants from the seed will not always prove the same variety as the parent stalk.

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#### Palo Alto.

Humphreys' veterinary specifics are now used on the stock farm of Gov. Stanford, the home of Sunol, Arion, Palo Alto etc. This completes the list of prominent stock owners who have adopted the use of Humphreys' veterinary Specifics.

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#### Lice on Young Chickens.

To get rid of lice on young chickens the following is suggested by a lady correspondent of the Kansas Farmer:

Take a soft white cloth and sprinkle with kerosene, just enough to make the cloth look greasy, but not wet. Put one end in a basket or old pan, place the chicks into it, and turn the other end over them nicely and place another cloth over all and let them remain in this fume-



bath for one or two hours, looking at them occasionally to see that they are all right. At the end of that time remove them to clean, dry quarters.

You will be surprised at the amount of creepers on the cloth. Just pour boiling water on them and rest assured you will not be troubled with them again.

If you let the chickens run with the hen you might have to repeat the process again. She, however, should be thoroughly dusted with insect powder—never with sulphur.

I have followed this method of treatment for years and find it far better than the old way of greasing the little fellows all over with salty grease.

It is entirely original; it is very effective and perfectly harmless; try it, I never lose a chicken from natural death, and very few by accident.

#### EASTERN SHORE—DOGS.

Messrs. Editors Md. Farmer,

Gentlemen—There are three election districts in Dorchester county in which the dogs outnumber the sheep, three to two. Now the chance for good mutton or lamb outlets in this region must be quite slim. The legislature will adjourn once more without doing anything for the poor farmer who happens to be old fashioned enough to put a greater value upon a good sheep, than a useless cur. A dog or a fool killer is badly needed here—"don't know which!"

M.

#### Bacteria.

Don't be frightened.

People who allow themselves to be frightened by the mention of bacteria in

milk or meat or oleomargarine will be surprised to learn that in normally ripening, healthy cream there are 200,000 to 2,000,000 bacteria in a single drop the size of a pin head. They are beneficial. They are more. They are indispensable.

The cream would not ripen without them. Prof. Conn of Connecticut says that from normally ripening cream "at least fifty different species or varieties of organisms have been isolated and studied, including bacteria, yeasts and molds."

#### Commission Houses.

As the season approaches for large shipments of agricultural products to this city, occasion will probably arise from time to time for us to speak of the most successful and reliable Commission Houses located here. Only those with whom we are well acquainted and who we believe to be *honest* will receive our consideration. Standing out most prominently among those in the Grain and Produce Commission business here, who will bear the above description, is the house of J. H. Coulbourn & Co., No. 123 S. Charles st. Prompt sales and *honest* returns are the two corner stones upon which they have built up a large business. J. H. Coulbourn of this firm also conducts a successful Live Stock commission business at 316 North Front Street, Philadelphia.

CATTLE should not be permitted to feed on clover land in the early Spring, as the crop will hardly be able to develop in full vigor if this be done. Neither should stock be permitted to graze on it late in Autumn, as this renders it very liable to Winter killing.

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Entered as second class matter at Baltimore, Md.

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 AND

—♦ NEW FARM. ♦—

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---

**SET OUT SMALL FRUITS.**

We hope every farmer who has thus far neglected to set out small fruits will this year do this part of his duty. In this age and in this country, it is a bad comment on any country home to say: "No small fruits are on that farm, cultivated for family use."

To be sure, in very many cases,

berries grow wild in pasture lots and around swamps and fences: but they are sorry substitutes for the delicious berries of cultivation. There is nearly as much difference between them as between the bitter crab apple and the royal pippin.

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**PURE BREEDS, GRADES, SCRUBS.**

Prof. Sanborn has created considerable excitement by his recent reports that his experiments with "scrubs" show that they are in fact equal, if not superior, to pure bred or high grade cattle as to laying on flesh when both are treated alike.

He shows conclusively that less feed produces better results with the "scrubs."

Our own observations have demonstrated to us, that a vast number of registered pure bred cattle are inferior to the common scrub at the milk pail and churn, and should not therefore bring any exceptional prices.

At the same time we are satisfied that certain families of pure bred are far beyond anything on record of scrubs. But the mistake is in making it to appear that pedigreed and registered stock is always far superior.

We think Prof. Sanborn is doing a good work, in that he is teaching farmers to judge of stock by actual results. Not to place too much dependence upon names, pedigrees, and herd books. Judge by results. What the cow actually shows at the pail, at the churn, or at the cheese press, should prove her value.

**T. R. CRANE'S ARTICLE.**

Our correspondent wishes us to state that the present article from his pen is not in his usual line of correspondence; but he wished to give a word in keeping with his feelings as regards the great needs of the farmers in the present condition of the country. His next contribution will be on "Corn Culture."

**THE AGRICULTURAL COLLEGE.**

We have received a number of visits and many letters from prominent agriculturists in reference to our editorial of last month concerning the Maryland Agricultural College.

If that management is "content to rest" on less than a hundred dollars a year profit of the farm of 286 acres for four years work (\$355.55); and that only in the increased value of the land—not even in fodder—we sincerely hope some change may be effected.

Some have argued that the land is not fit for Agricultural College work and that it would be of advantage to abandon the entire improvements there and move to some more desirable soil. It would be a great pity to abandon this locality, until some practical farmer should give the farm a fair trial.

Some have asserted that the whole fault lies in a persistent carelessness and extravagance which allows crops, tools, implements, wagons to go to ruin; and stock, hogs, etc., to destroy what is grown.

Some have even gone so far as to

call the place "a God forsaken place," so far as any prospect of future good is to be expected under present management.

It seems to be the uniform belief that this condition of things is because of the lack of methodical practical men at the head of the farm work.

We have not a word to say as to the qualification of any professor at College Park, so far as his individual capacity is concerned, and so far as his work is assigned. It is the farm and the teaching of that farm to agricultural students with which we find fault. We think it a very serious thing to have the College Farm so conducted, that it will teach every student there that farming is the worst business in which he can engage, if he expects a decent living.

The Trustees have no right to employ any one there who is "content to rest" on \$90 a year, for four years profit, buried in the ground, and at the same time handling thousands of dollars of the people's money. The Farmers of Maryland wish that 286 acre farm to prove to their sons that farming is a business which will give them a good living, and supply a reasonable profit; and that it may be pursued with less risk than any other business.

With the right management it can prove this without any reasonable doubt.

**THE SILO.**

We see very much written in favor of, and much against the use of the Silo and Ensilage. That there are



two sides to this question there can hardly be a doubt in most minds. When it was first introduced, it was for the time being a hobby and its advocates went to some excess in their claims for it. We cannot, however, fail to see that it enables farmers to maintain on their farms, at less cost per head than in any other way, a much larger stock of cattle. This is a fact which has been demonstrated time and again against all cavillers, and must be accepted as a fact.

At the same time we are forced to acknowledge that the discussion has brought to light many circumstances, which are evidence that the benefits claimed in the beginning were overestimated and should be now taken with considerable allowance. The natural difficulty of securing sweet ensilage, and the ignorance as to the proper use of ensilage in feeding—both difficult to overcome with the ordinary farmer—have greatly cut down the benefit originally anticipated by the sanguine.

Not all that its friends expected, yet of very marked advantage wherever intelligently used.

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#### STOCKHOLDERS' TRUSTEES.

On April 13, the Stockholders Trustees of the Agricultural College were elected. The list comprises those who for years have been faithful to their trust, and who, if they could have their voice, would soon make a radical change in the methods and management of the institution. In former years they had no money

with which to work; now, when money is plentiful, they are in a hopeless minority and must submit to the wishes of others who are comparatively inexperienced.

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#### THE ROADS.

Perhaps no subject we can mention has been more thoroughly impressed upon farmers this spring than the abominable condition of the roads in this State.

When we say this, however, we do not imply that they are any worse than in other States; but they are fearfully bad whenever we leave the macadamized pikes.

Much notice at present is called to Union County, New Jersey, because of the recent action of that county in reference to roads. By an expenditure of about \$250,000—the ordinary or usual road tax paying the interest and part of the principal each year—Union Co. has built forty miles of permanent roads, as solid as the rock, rain proof, frost proof, and as smooth as a house floor.

The consequence has been that the farmers of this county have been able to reach market as comfortably at any time this winter as during the best driving periods of summer. Their loads larger than ever and their produce bringing the best market rates of the year.

As results the land in Union County has doubled in value, and whenever farms there are offered for sale they are eagerly caught up at these advanced prices.

Can not the farmers of Maryland

learn this lesson? Can not we see what good roads will do for us? Can we let such a lesson go by without reaping any benefit from it?

The same taxes which are now paid every year without giving a rod of permanently improved road, will pay the interest on any reasonable amount which may be invested in roads which will be all that can be desired for a century at least.

Then, if we count the expense of bad roads, in the wear of running gear and harness, and the destruction of horse flesh, and the tolls on pikes, we can easily bring enough towards reducing the indebtedness which may be incurred without the danger of increasing expenses.

Besides this, the increase in the value of the property, the ease of communication with all parts of the country, the advantage of markets at any season of the year, are matters which appeal in behalf of good roads.

But remember, money is plentiful where the interest is fair and the payment of it properly secured. This can be done without any increase in taxation and the best roads in the world can be provided, because we have the best material in our State for such roads.

We see nothing to prevent our entering now upon the building of these permanent highways.

#### STUDENTS AT OUR AGRICULTURAL COLLEGE.

Is it generally known that of the few students at our Agricultural Col-

lege twenty six are free—pay neither board nor tuition. Deducting this number from the list, the attendance does not compare at all favorably with the numbers usually there when the income was \$15,000—instead of as now \$50,000—and when all students were expected to pay \$200 a year for board. Under these circumstances why “brag” over an attendance of 50 now?

It is intimate to us that in order to make out the respectable list of 82 students enrolled during the year 1891 in the Agricultural College Report, the list included “virtually all students there during two years.”

---

The Mirror & Farmer, Manchester, N. H., copies entire the article of Geo. Q. Dow, on Caponizing, written for the MARYLAND FARMER and printed in the February number. We should have been pleased to have seen credit given to the source whence it was taken.

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#### “PRINTERS INK” and P. O. D.

We have been highly instructed by the controversy going on between Printers Ink and the Post Office Department. To the intelligent public no publication with which we are acquainted has given a greater amount of real practical information on the subject of advertising than Printers Ink.

We are not in harmony with the Rowell method of treating newspapers in some particulars; but that does not hinder us from stating our belief, that not

one paper in a thousand which passes as second class matter, adds to the general fund of information among the best class of readers as much of real value as does Printers Ink.

It reaches a particular class as do the most of publications—our own, the Agricultural Class—but that it no reason for objecting to it, even if a farmer who raises and sells produce is at the head of it; or a nurseryman who sells seeds and may issue 200,000 copies monthly to those who buy from him.

The object of the law is the cheap diffusion of intelligence and by that the general elevation of the people in all branches of knowledge. If Wanamaker can issue his monthly (second class) in connexion with his book department, and we see no objection to it, why should Printers Ink be denied the privilege, because Rowell is skilled in the subject of which he treats and gets his living by means of his talent in that direction.

Now, if Messrs. Rowell & Co. knew nothing about Printers Ink themes, except from hear-say or reading—had no practical experience or interest there—it would be all right as second class matter; but of what value would the publication be to the world?

A case in point: The Butterick Pub. Co. issue for March 460,000 copies of the Delineator. Now let us suppose that this company had no patterns to display in it, were not practical experts on the fashions, could not supply the multitudes of styles to its readers, of what earthly use would The Delineator serve? and who would care to subscribe to it? What would become of its present 460,000 subscribers?

Would it not be then a scandalous

proceeding to throw The Delineator out of the office when offered as Second Class matter?

Take any periodical which is a success, and examine as to the cause of its success: It will be found to be because its projector has made the subject with which he deals a life study and understands every phase of it. He, his mind and his life interests, are bound up in it; his living depends upon it, also. Others realize its value and patronize it. The injustice of denying it the ordinary privileges accorded to numberless weaklings in the same line is plain to the most superficial mind.

As to the methods of payment for the circulation there is even less objection. The great body of newspapers notoriously depend upon their advertisements for their support. Not one out of ten thousand could pay its expenses except for advertising. If Printers Ink believes advertising worth anything there can be no possible objection to its taking advertising as pay for its subscription. And if newspapers choose to give advertising for copies of Printers Ink who has any right to say "No." Advertising is a valuable thing to each newspaper, and it will not give away something for nothing.

We are decidedly of the opinion that Printers Ink should have "second class" rates in the Post Office Department.

Permit us to ask: If the College Farm pays its way, or has paid the enormous sum of \$335.55 cents in four years, why should the Trustees consider that it will be an expense to them and appropriate \$500 "for aid of the College Farm" for the year ending Aug. 31, 1892?



## WEATHER REPORT.

The use of steam-whistles for announcing the weather forecasts has rapidly grown in favor among farmers. Wherever a mill or factory using steam is within the reach of the telegraph or telephone, or by evening or early morning trains or stages, the daily forecasts can be received and announced to farmers and others living within a circle of several miles.

The whistle code is very simple, easily learned and remembered.

**Explanation of Whistle Signals.**

Note.—The warning signal, to attract attention, will be a long blast of from fifteen to twenty seconds duration. After this warning signal has been sounded, long blasts (of from four to six seconds duration), refer to weather, and short blasts (of from one to three seconds duration) refer to temperature; those for weather to be sounded first.

Blasts.		Indicate.
One long	—	Fair weather.
Two long	— —	Rain or snow.
Three long	— — —	Local rains.
One short	—	Lower temperature.
Two short	— —	Higher temperature.
Three short	— — —	Cold wave.

**Interpretation of Combination Blasts.**

One long, alone	—	Fair weather, stationary temperature.
Two long, alone	— —	Rain or snow, stationary temperature.
One long and one short	— —	Fair weather, lower temperature.
Two long and two short	— — — —	Rain or snow, higher temp.
One long and three short	— — — —	Fair weather, cold wave.
Three long and two short	— — — — —	Local rains, higher temp.

(By repeating each combination a few times, with an interval of ten seconds between, possibilities of error in reading forecasts will be avoided, such as may arise from variable winds, or failure to hear the warning signals).

It is found that owners of mills and factories are willing to co operate with farmers and others in the use of the whistle signals.

The practical value of knowing through these signals a day, or a day and a half in advance, with reasonable certainty—and it is becoming more certain all the time as the system is improved—the changes in the weather, the coming of storms, frosts or cold waves, as announced by the Weather Bureau of the Department of Agriculture, is almost beyond estimate in dollars and cents.

**Valley View Stock.**

**Mr. D. H. Rice's Horse Farm in Baltimore County—Red Robert.**

Two miles and a-half east of Towson is the Valley View Stock Farm of Mr. D. H. Rice. The owner has for a number of years enjoyed an enviable recognition as a fancier of cattle, and his herd of forty Holstein-Friesians brought him fame.

Last season he was president of the Baltimore County Agricultural Association.

Mr. Rice is progressive, and, noticing the wonderful advancement which Maryland breeders were making in raising horses, he decided to sell his herd of cattle and fall into line.

His Valley View Farm embraces 286 acres of land in limestone Valley.

As soon as some of Mr. Rice's domestic and imported cattle had been sold he built box stalls and all modern improvements for the care of horses.

He was not unfamiliar with the business, as he had several years before purchased from Mr. Walter H. Brooks, Meadow Chief, a stallion by Hamlet, he by Volunteer, dam by American Star. He sold this horse to Mr. Clark Petit, of Salem, N. J., owner of Bellman and other great ones.

At the Kellog sale last January, in New York, Red Robert, a two year-old, was purchased to give tone to the new enterprise. Red Robert will do but little stud service this season, but will be put in training to make a record to supplement his pedigree in the race for popularity. He is a splendid looking animal. His sire, Red Wilkes, heads the list of George Wilkes's sons as a speed producer,

as fourteen of his get have records ranging from 2.11½ to 2.20.

The dam of Red Robert is by Robert McGregor, sire of Bonnie McGregor, record 2.13½, and twenty seven others with records better than 2.30. Red Robert is a fine, large youngster, bright bay in color, with the bone development of his sire, Red Wilkes. His gait is smooth and frictionless. Just what he will do on the track can only be surmised from his form and breeding.

A second stallion at Valley View is Limerick, by Aberdeen, dam a thoroughbred by imp. Trustee. Red Robert having taken the head of the stud, Limerick will go to Reckord, Harford county.

Negotiations are now pending for another stallion for Valley View.

Mr. Rice, like many others, found that once having started the industry of breeding trotting horses, he had entered a race in which there is a large field, and that to keep in the hunt not only requires care, attention and judgment, but a large outlay of money.

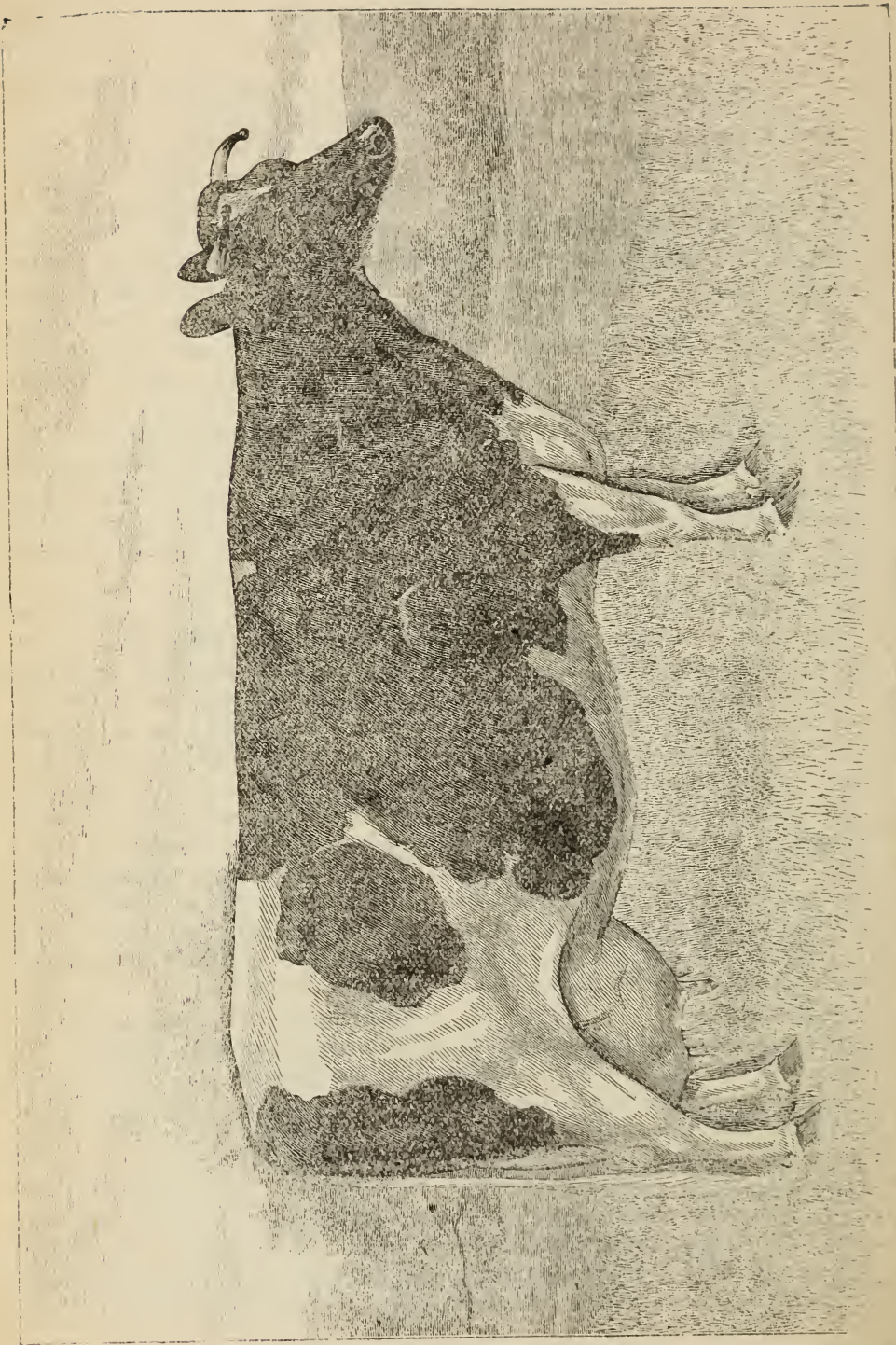
Valley View has lately become familiar with the sound of saw and hammer, and already stables have been erected that are as neat and well built as any owner need desire for his stock.

Paddocks have also been partitioned off and new ones are being fenced in.

The conformation of the valley land will not permit the construction of a circular track, but a kite-shaped track will be built in a short time.

A kindergarten track, closed and covered, will be constructed for schooling youngsters in bad weather. Mr. Rice's neighbors say he will have the whole farm under roof before he gets through.





THE HOLSTEIN-FRIESIAN TYPE.



The list of brood mares now at Valley View is not extensive, but their number will be increased by purchases. Among them are: Sonorma, by Orange Blossom, dam by General Knox, Nancy Purdy, by Ulmar, he by Bona Fide, he by Hambletonian 10, dam Burnetta by Sam Purdy; Dacy Bylands, by Indianan, the sire of Bellman (2.17½,) dam Fernwood by Lancewood; Mary Anderson, by Lightwood, dam by Tom Hal, which mare is now in Kentucky booked to Red Wilkes; Talbot Maid, by Welcome, dam by Hannibal.

This lot comprises all standard mares.

Another, registered as non-standard, is First Chance, by Ulmar, dam by Oracle, he by Satelity. Individually she is a fine animal.

Besides Red Robert, a yearling, a two-year-old and a three-year-old by Meadow Chief, out of Daisy by Ferdinand C., sire of Lah-de-dah, will be trained for this season's racing.—*Sun*.

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We would call especial attention to the advertisement of Mrs. Reese & Calloway. They are given an excellent name by those of our readers who have dealt with them in the past.

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#### Making Fish Ponds.

To construct a pond, first stake off your land the desired dimension. Then take a plow and scraper, and with them make the necessary excavation.

The pond should be about five or six feet deep in the center, gradually sloping up to the edges.

The object in having the pond deep in

the center is to provide the fish with a place of shelter during the winter without danger of the water freezing solid and thereby killing them, as would be the case in cold climates if the water was all shallow.

The reason for having the bottom sloping is, that thereby the fish can have access to plenty of warm, shoal water; and also that in case the old fish are not taken out after spawning, the young fish will have the protection of the shallow water along the edges, into which the larger fish cannot swim if they should feel inclined to make a meal on some of their younger relatives.

The outlet should be about three feet wide, and so constructed that it can be well screened to prevent the fish from escaping, and so as to admit of water being drawn off when it is desired to remove the fish or cleanse the pond.

The screens may be made of wire netting, and painted with gas-tar mixed with one-third turpentine, or to the consistency of paint, and applied with an ordinary paint brush. The wire netting should be tacked to strong wooden frames, made to fit the space to be screened.

To screen a carp pond effectually, three screens of different sized meshes should be used. These should slide in a grooved frame work, so that they can be taken out easily and cleaned.

Carp can be raised in well water, but water from a brook is preferable. They will succeed in the Northern States if the ponds are deep enough not to freeze to the bottom in winter. Carp do not require feeding in winter, as they burrow

into the mud or hibernate, until the ice disappears in the spring.

There appears to be a difference of opinion among the authorities as to which is the best kind of carp. The scale carp are said to be the most prolific, and the leather carp grow the fastest. For my part I prefer the latter; it is the handsomer and finer fish of the two. As to their qualities as table fish, so far as my experience goes, I have not been able to discover any difference between them.  
—*Seth Green.*

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#### How Cows Register.

Holsteins for Milk. Jerseys for Butter. Ayrshires for Cheese.

The Holstein, Pauline Paul, stands at the head as the greatest butter cow on record; but nevertheless the average places the three great dairy breeds as above.

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#### BOOKS, CATALOGUES, &c.

On the first of every month as regular as the clock, we look for the Century, and we never look in vain. Excellent as it always has been, it is an enjoyment to look upon and read.

Harper's Monthly, Weekly, Bazar and Young People, the standard publications of old and young, male and female were never better than today.

From the Rural Pub. Co., New York, we have received a volume entitled "The Business Hen." It is a treatise on Poultry Keeping with an eye to profit, written by a syndicate of practical poultry-

men: Jacobs, Hale, Rankin, Felch, and others, edited by H. W. Collingwood. These names are a sufficient guarantee as to its quality. Paper 40c. Cloth 75c.

The Delineator, New York, the great and good magazine of the people feminine, sends one of its very best issues for April—in our home they say it is worth more than a dollar, the price of 12 such numbers.

Highlands Nursery, wholesale Catalogues, Harlem P. Kelsey, Proprietor, Linville, N. C. Native Trees, Flowering shrubs, etc. Send for Catalogues, free.

Bulletin 27, of the South Dakota Agricultural College and Experiment Station is of considerable interest. It contains 68 pages and treats of the Sugar Beet.

The Century comes to please the eye and entertain the mind with its many illustrations and bright articles.

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#### Maryland Agricultural Experiment Station Bulletins.

Special Bulletin "F" is the Address of Hon. Edward Stake on the Agricultural Outlook for Maryland.

Special Bulletin "G" is on the Composition of Commercial Fertilizers sold in this State.

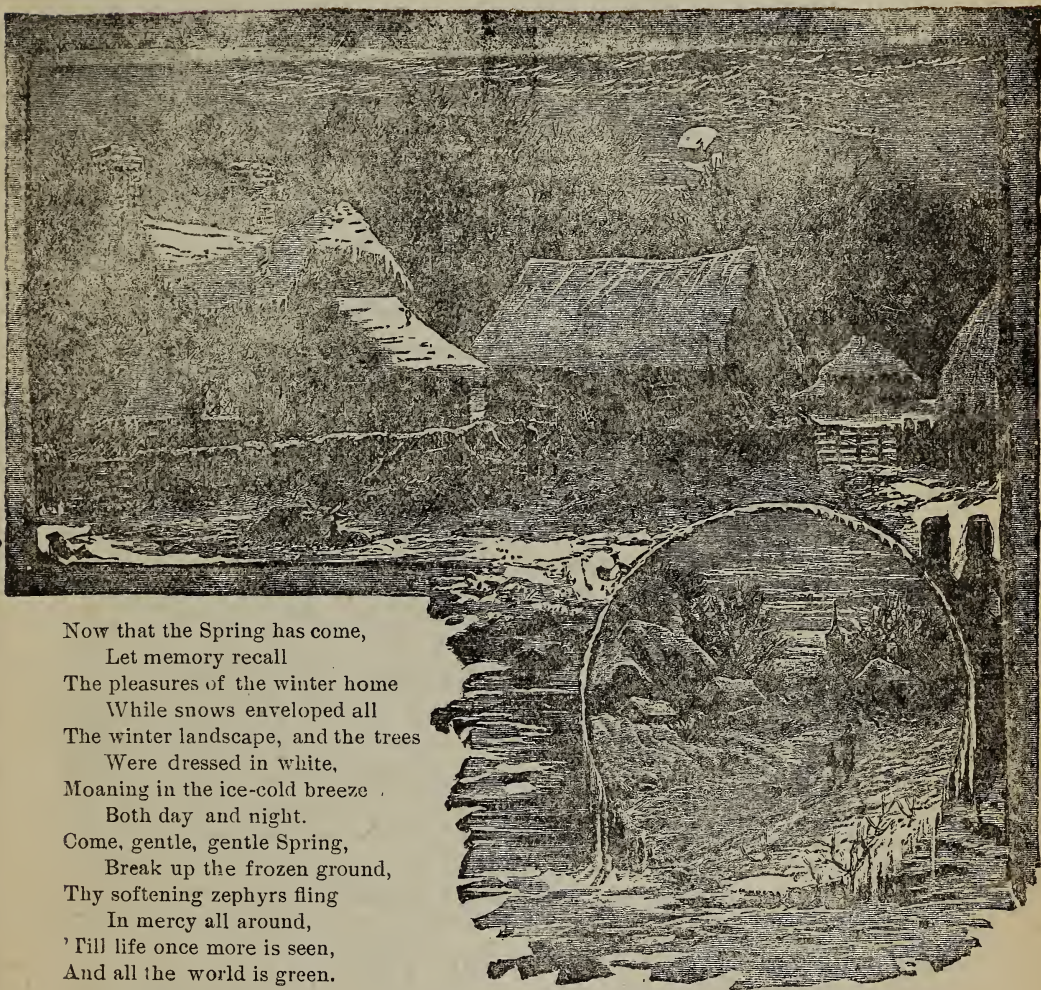
Bulletin 8, Feeding Trials of Milch Cows for Beef.

Bulletin 12, Pig Feeding.

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BEECHAM'S PILLS cure Sick-Headache.





Now that the Spring has come,  
Let memory recall  
The pleasures of the winter home  
While snows enveloped all  
The winter landscape, and the trees  
Were dressed in white,  
Moaning in the ice-cold breeze .  
Both day and night.  
Come, gentle, gentle Spring,  
Break up the frozen ground,  
Thy softening zephyrs fling  
In mercy all around,  
'Till life once more is seen,  
And all the world is green.



## DEACON GREEN'S COW.

DEACON GREEN was a pillar of the Baptist Church at Cross River, N. Y., and if there was one thing more than another that he prided himself upon, it was his knowledge of live stock.

He used to boast that he could tell the age of a horse or cow half a mile off. But he was naturally distrustful of human nature, and would not trust a minister of the Gospel in a horse trade, or even in a deal of a cow, and he usually took some neighbor with him when he went to buy live stock, to see that he did not get taken in, for he never liked to beat a man down, but would pay whatever price was asked.

One morning early he drove over to Dan Knapp's (who by the way, was a horse jockey, and had long been waiting for an opportunity to skin the deacon) and asked "Dannell," as he called him, if he wouldn't drive over to Salem with him and look at some cows, as he wanted to buy one if he could find one good enough to suit him.

"Wait till next week," said Dan, "and I'll go with you. Come over about eight o'clock next Friday morning, and we'll get an early start."

Now Dan had an old cow, and she was so ancient that she hadn't room for any more wrinkles on her horns. She only gave a quart or two of milk a day, so he had turned her out to fatten, when the idea struck him that he would just get the boys down and fix her up for the deacon.

So they worked at her every day as long as they had daylight to see, and then

they filed her teeth off short and even, filed up and sand-papered her horns, and stuffed her full of slops and mash as she could hold.

Inside of a week that miserable old cow looked like a two-year-old heifer, and all that time Dan had not milked her once, and she had the appearance of a prize milker at a county fair.

Well, Friday morning came, and with it, bright and early, came the deacon. Of course "Dannell" wasn't ready yet—had to milk the cow for the old woman. "Wouldn't the deacon come out to the barn? Of course he would."

"How many cows do you keep, Dannell?" asked Deacon Green.

"Only one, deacon."

"But you don't mean to say that you take two pails to milk one cow?"

"Oh, yes," replied Dan, "one pail wouldn't hold that cow's milk."

The deacon's eyes sparkled with delight and admiration as he beheld this slick and plump bovine. As Dan milked away with all his might and filled the large pail, set it aside and nearly filled the other, the deacon could hold in no longer, and he anxiously asked:

"Dannell, whar did you come across that ar heifer?"

"Oh, I got her up in Orange County," answered Dan.

"Dannell," said the deacon, "do you want to sell that cow?"

No deacon; this cow belongs to the old woman, and if I should sell her I would never dare show my face in the house again."

"Well Dannell, if you were going to sell that ar cow, how much would you ask for her?"

"Well, deacon, if I was going to sell her, I should ask about \$75 or \$80."

"Dannell, said the deacon, "I'll give you \$80 for her, pay the cash now, and take her right along."

"Das'nt do it," responded Dan. "My wife would kill me if I sold that cow."

But the deacon was determined to have the cow, so he raised the offer to \$85; and Dan told him that if he would take the cow and sneak out the back way, and crawl on his hands and knees behind the stone wall until he got out of sight of the house that he might have her. It was certain, he added, that the old woman would never let him take her away if she saw him. The deacon followed instructions, and stealthily got away with the cow.

About three days afterward, Dan was down to the village store, where everybody congregates evenings to hear the news, and it so happened that the deacon came in, and seeing Dan there he came over to him and said:

"Dannell, what kind of a cow was that you sold me the other day?"

"Why," asked Dan.

"Well returned the deacon. "I can't for the life of me get over two quarts of milk at once from her,"

"How often do you milk her?" innocently asked Dan.

"Why twice a day, as other folks do,"

"Oh, the duce!" Dan exclaimed: "You mustn't milk her but twice a week, and you must 'mash' her twice a day; that's the way I do."

#### Dogwood Blossoms.

LIKE a drift of tardy snow,  
Tangled where the trees are low,  
Scented dogwood blossoms blow.

Every petal bears a scar,  
Where the crumpled edges are,  
And the centre holds a star—

A pointed star of radiant sheen,  
Yellow, tipped with dainty green,  
A crown for April's snowy queen.

MARY WILSON.

#### The Brush Brigade.

Not long ago I heard a mother tell her boys that intimate and constant acquaintance with brushes went a great way towards making a gentleman.

The remark struck me, and I asked how many brushes one needed to be familiar with.

"Tell her, boys," said their mother, and the merry fellows shouted:

"One to brush our hair we need,

And one to polish our boots.

One to clean our nails indeed,

And one to dust our suits,

And one to give our hats a switching,

To make us look all very bewitching,

And that's the song of the

Brush Brigade."

"Will always twists everything they have to remember into a jingle, and then they can't forget it," said the mother, smiling, as the brigade went off in a vivacious procession to practice on the brushes.

"Tramps went out, but gentlemen came back," said the clever little mother, when they came in again, presenting



each of the brush-improved four with an apple turnover for his lunch-box.

"Cleanliness is next to godliness, and dirt is an abomination," said grandmother from her corner.

"It runs in the family," I heard one of the boys say, as they put on their coats. "I guess Gran brought up her boys to brushes just as mother serves us. Never mind, all her boys are gentlemen clear through, and I s'pose we'll be the same if we stick to the brushes."—*Wide Awake*.

#### Bridal Fancies.

Married in white, you have chosen all right.  
Married in gray, you will go far away.  
Married in black, you will wish yourself back.  
Married in red you will wish yourself dead.  
Married in green, ashamed to be seen.  
Married in blue, he will always be true.  
Married in pearl, you will live in a whirl.  
Married in yellow, ashamed of your fellow.  
Married in brown, you will live out of town.  
Married in pink, your spirit will sink.—

*(Old Rhymes.*

#### Russian Tea.

This is made just like lemonade, only using tea instead of water. The tea should not be too strong; a good proportion is a pint of tea with one lemon and a third of a cup of sugar, though of course the amount of sugar and the strength of the tea are matters of taste. It is nice served either hot or cold.

#### Banana Meal.

The Rural New Yorker says:

Two varieties of bananas are peculiarly well suited for manufacturing; one is

soft and makes an excellent preserve, while the other is capable of being dried and ground into meal to be used in making bread, puddings or cakes. The development of this industry would add wonderfully to the agricultural wealth of the tropics and reduce the cost of the world's food as few things can ever do. Banana bread would be cheaper even than corn bread.

"WORTH A GUINEA A BOX."

## SPECIAL NOTICE

Complying with general request,  
**BEECHAM'S PILLS**  
 will in future for the United States be covered with  
**A Tasteless and Soluble Coating,**  
 completely disguising the taste of the Pill without in any way impairing its efficacy.  
*Price 25 cents a Box.*  
 New York Depot 365 Canal Street.

#### Visiting Cards by Mail.

Should you need cards while out of the city, just enclose us 28 cents in stamps with the name you wish printed on them and we will send you 50 by next mail. If you wish the address on them send 38 cents.

DeZ. WALWORTH,  
 871 N. Howard St.  
 BALTIMORE, MD.



J. H. REESE.

—ESTABLISHED 1884.—

J. K. CALLOWAY.

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Successors to J. H. REESE & CO.

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REFERENCES—PROMPT RETURNS.

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BALTIMORE, MD.

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## "EVERYBODY'S PAINT BOOK"

Tells you how to Paint a

HOUSE

Inside and Out.

!!  
\$  
!!

Tells all about **Kalsomining** and **Paper-Hanging**. Anybody can learn how to do it. Also, how to **Polish a Piano** or **Organ**, or **Varnish** and **Renovate Furniture**. In short, this book will tell you **all about Painting**. It is filled with illustrations. It will save any family **ten times** its cost every year. This is the time of year when everybody begins to think about "**Fixing Up**," and this book will help you do it.

A copy bound in **extra cloth**, with ink side-stamp, will be sent, postage prepaid, on receipt of **One Dollar**. Address



# Yoursself.

Learn how by reading "**EVERYBODY'S PAINT BOOK**;" you can then paint your

BARN OR WAGON,

OR

FARM IMPLEMENTS.

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Baltimore, Md.

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For the Piano By WEBER.  
10 Cents. Postage paid.

Walworth & Co.,

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### Our Special Prices.

Any piece of Sheet Music  
costing 30 cts. for 17 cts.

"	35	"	"	20	"
"	40	"	"	22	"
"	50	"	"	27	"
"	60	"	"	32	"
"	75	"	"	40	"
"	1.00	"	"	52	"

### The Latest

Vocal.

EACH 10 CENTS

Boom-ta-ra	Spencer	.40
A Job Lot	Brighton	.4
Across the bridge	Le Brun	
Creole Love Song	Moncetteff	.50
Oh, what a difference in the morning		.40
Beauty's Eyes	Tosti	.40
Calvary,—Sacred	Rodney	.50
For sure,—Serio-comic	Martyn	.40
His funeral's to-morrow,—Comic		
	Collyer	.40
I've something sweet to tell you	Faning	.35

# SHEET MUSIC.

### The Latest Instrumental, EACH 10 CENTS.

Louise's March	Giese	.35
Comradss Waltz	Freeman	.40
Love's Dream after the ball	Czibulka	.50
Tam O'Shanter	Warren	.60
The Storm	Weber	.75
Darkies dream	Steiner	.35
Darkies' dream,—Four Hands	Himan	.50
Feast of the faries (Fete Des Fees)	Warren	1.00
Gondolier Waltzes	Roeder	.50
I whistle and wait for Katie Waltz	Nolan	.40
Medley Lancers (Operatic	Airs) Hale	.40
Minuet a l'Antique	Paderewski	.40
Simple confession,—A Romance	Thome	.50
Awaking of the lion, Caprice	Dekonski	1.00
Chilperic, Fantasia Brilliante	Smith	1.00
Daisy's first waltz	Chorlton	.40

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can supply you.



DEZ. WALWORTH,

871 N. Howard St.

Baltimore, Md.



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QUICKLY, THOROUGHLY, FOREVER CURED



by a new perfected scientific method that cannot fail unless the case is beyond human aid. You feel improved the first day, feel a benefit every day; soon know yourself a king among men in body, mind and heart. Drains and losses ended. Every obstacle to happy married life removed. Nerve force, will, energy, brain power, when failing or lost are restored by this treatment. All small and weak portions of the body enlarged and strengthened.

Victims of abuses and excesses, reclaim your manhood! Sufferers from folly, overwork, ill health, regain your vigor! Don't despair, even if in the last stages. Don't be disheartened if quacks have robbed you. Let us show you that medical science and

business honor still exist; here go hand in hand. Write for our Book with explanations & proofs, mailed sealed free. Over 2,000 references. **ERIE MEDICAL CO., BUFFALO, N. Y.**

**PILES** Remedy Free. INSTANT RELIEF. Final cure in 10 days. Never returns; no purge; no saive; no suppository. A victim tried in vain every remedy has discovered a simple cure, which he will mail free to his fellow sufferers. Address J. H. REEVES, Box 3290, New York City, N. Y.



## HUMPHREYS' VETERINARY SPECIFICS

For Horses, Cattle, Sheep, Dogs, Hogs, AND POULTRY.

500 Page Book on Treatment of Animals and Chart Sent Free.

CURES: Fevers, Congestions, Inflammation

A. A. Spinal Meningitis, Milk Fever.

B. B. Strains, Lameness, Rheumatism.

C. C. Distemper, Nasal Discharges.

D. D. Bots or Grubs, Worms.

E. E. Coughs, Heaves, Pneumonia.

F. F. Colic or Gripes, Bellyache.

G. G. Miscarriage, Hemorrhages.

H. H. Urinary and Kidney Diseases.

I. I. Eruptive Diseases, Mange.

J. K. Diseases of Digestion, Paralysis.

Single Bottle (over 50 doses), .60

Stable Case, with Specifics, Manual, Veterinary Cure Oil and Medicator, \$7.00

Jar Veterinary Cure Oil, 1.00

Sold by Druggists; or Sent Prepaid anywhere and in any quantity on Receipt of Price.

**HUMPHREYS' MEDICINE CO.,**

Corner William and John Sts., New York.

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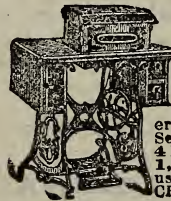
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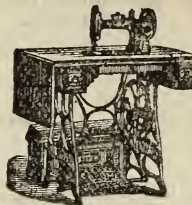
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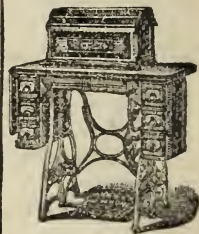


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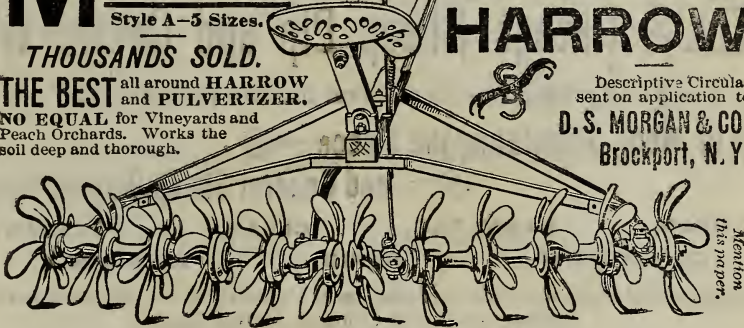
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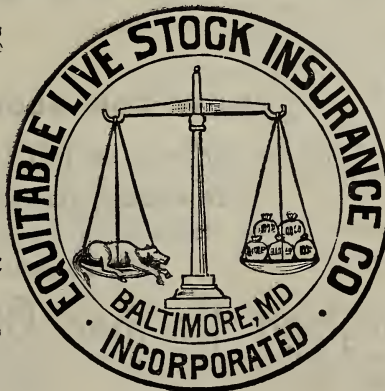
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With graphite boxes the Dandy Wind Mill requires no oil for years, therefore no more climbing towers, no more tilting towers to break down and injure you or your cattle. Needs no attention and is warranted to last longer than other mills that are oiled, and will be sent to Good Parties on 30 Days Test Trial. If not satisfactory freight will be paid both ways. The Dandy Steel Tower is a Four Corner Tower, the corners being made out of heavy angle steel. The girls and braces are very strong and substantial, and of the very best steel made. It is the most graceful, strong and durable tower on the market, and can be erected in one-half the time of a wooden tower. We will not allow ourselves to be undersold. Challenge Wind Mill & Feed Mill Co., Batavia, Kane Co., Ill.

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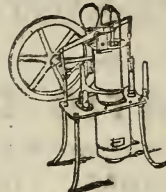
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WATER  
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RIDER or HOT-AIR  
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PROPRIETORS.

This RESTAURANT is the oldest and most extensive in its accommodations of any in the city.

The BAR is filled with the finest of all kinds of LIQUORS. The TABLE are covered with the best substantial food the markets afford, besides, at the earliest moment they can be procured in the different seasons, every variety of delicacy hat land and water furnish, in

## Birds, Game, Fish, Fruits &amp; Vegetables

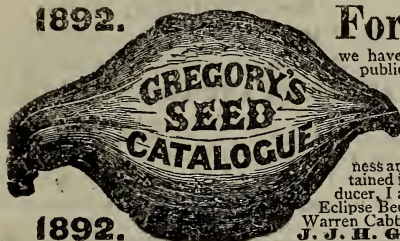
Prices moderate. The crowds, which lunch and dine daily, attest public approbation of the superior management of the house.

It is a convenient place for travellers, who stop only a few hours or a day in the city, to get their meals. It is the opular resort of country gentlemen from the counties, particularly from Southern Maryland, being convenient to Railroads and Steamboats, and in the midst of the business portion of the city.

The proprietors will be grateful for the continuance of the extensive patronage they now enjoy, and will do their best to give entire satisfaction to all visitors.

jan-ly

1892.



1892.

## For Over Thirty Years

we have always had very pleasant dealings together, the public and myself, and I again have the pleasure of presenting to them my Annual Vegetable and Flower Seed Catalogue. It contains the usual immense variety of seed, with such new kinds added as have proved to be real acquisitions. Raising many of these varieties myself, on my four seed farms, and testing others, I am able to warrant their freshness and purity, under such reasonable conditions as are contained in my Catalogue. Having been their original introducer, I am headquarters for choice Cory Corn, Miller Melon, Eclipse Beet, Hubbard Squash, Deep Head, All Seasons and Warren Cabbage, Etc. Etc. Catalogue FREE to all.

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NORTH  
WEST  
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SOUTH

"Brilliant" Poppy, packet ..... 15c.  
Roses, Waban and DeGraw, both for 50c.  
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Fancies, our superb strain, look almost  
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## SPRAY YOUR FRUIT TREES &amp; VINES

Wormy Fruit and Leaf Blight of Apples, Pears, Cherries, EXCELSIOR SPRAYING Grape and Potato Rot, Plum Curculio prevented by using PERFECT FRUIT ALWAYS SELLS AT GOOD PRICES. Catalogue showing all injurious insects to Fruits mailed free. Large stock of Fruit Trees, Vines, and Berry Plants at Bottom Prices. Address WM. STAHL, Quincy, Ills.

## "ABSOLUTELY FREE OF CHARGE."

In order to introduce our ELEGANT and ARTISTIC CRAYON PORTRAITS to yourself and your friends, we make you the following bona-fide offer, viz: If you will send us a photograph of yourself, or any member of your family, we will make from it one of our finest three-quarter life size

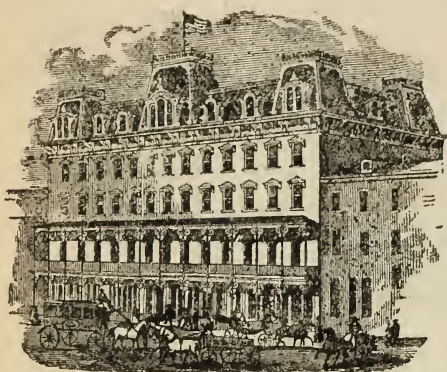
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Our name and reputation as Artists are already well known throughout the United States but we desire to increase our customers; hence this special offer. We believe that one of our Elegant Portraits placed in your home will do us more good than other advertising. Send the photograph you desire copied to us inside of **THIRTY DAYS FROM DATE.** The Portrait we will make for you will be a sample, and its value \$25.00. It will be as fine as can be made. Be sure and write your full name and address on the back of the photograph when you send it, as this will secure for you its safety. We guarantee its return, so have no fear of losing it. As to our responsibility, etc., we can refer you to the following parties in our city: Commercial Bank, Brooklyn; Wells, Fargo Express Company, American Express Co., United States Express Co., and R. G. Dunn & Co., New York and all commercial agencies. Hoping to receive your kind favors, we are, respectfully

CODY &amp; CO., 753 and 755 DeKalb Avenue, Brooklyn, N. Y.

NOTICE.—Cut this out and return it to us with the Photograph you desire copied.





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The "MALTBY" is the only House in  
BALTIMORE conducted on both the  
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Its location, in the commercial centre of the city, commends it alike to the Commercial Traveller, the Tourist and Business men generally.

\$2 and \$2.50 per Day on the American Plan and \$1 to \$2 on the European.

Being the only Hotel in the country at the above rates, possessing all the modern improvements, including our First-Class Passenger Elevator, which will be in constant operation, making all parts of the house desirable and easy of access.

GEO. P. MOTT, Proprietor.

# ALL FOR 22 CENTS!!



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After using for months, and thoroughly testing, this Pen, we have made arrangements to offer it as a premium to our subscribers. Send us 22cts. in one or two cent postage stamps and we will send you The Amateur World—"Our World"—one year and this Fountain Pen postage paid.

AMATEUR WORLD PUB. Co.

871 N. Howard st.,

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DeZ. WALWORTH, 371 N. Howard St., Baltimore, Md.





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The Amateur World, Baltimore, Md

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A few choice pairs and trios of these grand birds, mated for breeding, at \$3.00 and \$5.00, also

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Barred Plymouth Rocks  
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## EGGS

From the above stock \$1.00 for 13.  
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Personal attention is given to copying old pictures. Orders by mail attended to with promptness. Large stock of choice frames always on hand, at low prices.

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Latest Novelties in Jewelry Solid Silver & Plated Ware

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We call special attention to the Vacheron and Constantin Watch, fine finish and keeping correct time, as any selling for double the price. Medals and Badges for

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(Of the late firm of Canfield Bros. & Co.)

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**E. B. WHITMAN,**

No. 220 W. CAMDEN STREET,

SUCCESSOR TO THE

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**ROLAND**

❖ PLOW

Works. ❖

Owing to the Belt Line Railroad going through the premises that we have occupied so many years, we were compelled to move. The undersigned, as successor to the

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AND

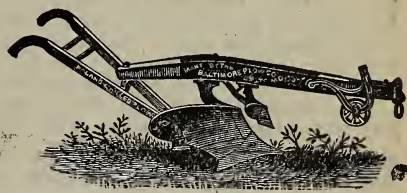
BALTIMORE PLOW CO.,

Has taken the commodious Warehouse

**No. 220 W. CAMDEN STREET,**

Where he will carry a full stock of everything formerly sold by his predecessors.

of  
**ROLAND CHILLED  
 Chesapeake  
 Farmer's Friend**  
**PLOWS**



And any other Plow that has been made in Baltimore during the past fifty years.

*We make a full line of repairs for same, and also, for the Oliver Chilled Plow.*

**E. B. WHITMAN.**



**The following appears at the head of the Tawood Real Estate Co.'s advertisement in the Irish World.**

NOTE—Before inserting an advertisement like the following *The Irish World* always investigates, as far as possible, all about the enterprise, its promoters, its prospects of success, etc., etc. And in this particular case we have the following from a thoroughly reliable man on the spot, who, we believe, knows all about the enterprise and its promoters;—

"I believe investors would do well to invest with the Tawood Company, for it will be only a short time until the land owned by said company will be very valuable. Those indorsements are all genuine. Having noticed how real estate has enhanced in value around Portland, I have no hesitation in reporting favorable on the question submitted to me. There is small chance of purchasers losing anything, and there is every reason why they will realize a large profit."

# PORTLAND, OREGON,

THE GREAT WESTERN RAILWAY TERMINUS!

THE GREAT PACIFIC SEAPORT CITY!

**A COMMERCIAL CENTER** is the safest place to invest in real estate, especially when such place is a great railway center; has good river transportation and large foreign and domestic shipping. **Portland is that place.**

"A LAND FLOWING WITH MILK AND HONEY."

**PORTLAND, OREGON,** is now the recognized commercial center of the Pacific Northwest. In natural resources, in location and in rapid growth this city leads. As a port of entry and a railroad center it excels every other city west of the Mississippi river.

Portland has never been boomed. The growth is legitimate as it is rapid. In 1870 Portland had 16,000 population, to-day it has at least 80,000. In five years she will have 200,000 to 300,000 people within her limits.

Portland is now or soon will be the terminus of more trans-continental railroads than any city in the United States. This may seem extravagant, but it is a fact.

**HER GREATNESS FORE-ORDAINED, PORTLAND, OREGON, The Great Geographical Magnet,** that draws all men by her natural resources; matchless climate; commercial supremacy; productive soil; never-failing crops; limitless mines and minerals; vast forests; great fisheries; prize fruits; railroads; ships and shipping; grand scenery and other attractions too numerous to mention. While it has taken three hundred years to make New York what she is, Portland will be a greater city in less than fifty years. Nothing can prevent this. It is the best place in the United States for a home, and the best place in the world to invest money, as real estate will rapidly increase in value, now that the tide of immigration is headed for Portland, Oregon, as nowhere else.

**T. A. WOOD, President.**

**H. A. HOGUE, Vice-President.**

**MERCHANTS' NATIONAL BANK, Treasurer.**

**J. W. McCONAUGHEY, Secretary.**

## THE TAWOOD REAL ESTATE CO., PORTLAND, OREGON

Has the best plan for investors yet devised. You never read anything more explicit and simple. It is absolutely safe, and cannot fail to be profitable to those who invest.

**Capital \$300,000. 6,000 Shares at \$50 Each.**

The stockholders of this Company in Portland are well known, reliable men. The managers of this enterprise are responsible, and in this special field have invariably had good success, showing business tact and good judgment. We will furnish you certified statements of companies organized by the same management as this company, showing when they were organized, amount of capital and profits realized. The success of these companies is a sufficient guarantee to justify you in making an investment in the stock of this new Company. We have decided to place one-half of the stock in this Company throughout the Eastern States that we may bring before the general public the advantages offered by Portland, Oregon. We can brag on Oregon, and many are ready to bet on Portland. If you have "some of the hog" you can help us bring before the world the fact that Portland, Oregon is backed by more natural resources than any other commercial city west of the Mississippi river. If you buy stock of this Company you are one of the original purchasers. You buy acres and sell in lots. Then suppose you wish to buy lots and surrender your stock in payment. Here again you have an advantage. **The Company will take its own stock in payment at one dollar and forty cents (\$1.40) on the dollar** for lots at the schedule market price, or at the price at which the Company is selling lots to other parties.

## Shares for Sale at Par value \$50 Per Share, Full Paid Non-Assessable

### WE WILL NOT

Sell a share of stock at less than par value, (\$50 per share), as the Company's capital stock is not inflated or watered, but every dollar of its capital is backed by solid Real Estate investment.

### How Stock is Paid For

20 per cent of amount you wish to invest with application for stock. Name some responsible bank in your own locality where you can pay balance in 30 days and receive a rebate of 3 per cent. or you can pay balance in installments of 10 per cent each month. Full particulars showing our different plans of payment furnished upon application.

We would be glad to have you take stock in this Company just at this time. We own 348 acres that cost \$500 per acre, and we hold a contract on about 500 acres of land at a very low figure. It will be a big thing for a Company to secure this additional tract of land. We are deeply anxious, we must not loose this bargain. You will share a profit in this in proportion to the amount you have invested. Please give this your careful consideration. Send in orders at once so we can secure this. A Beautiful Church is building on lots adjoining this property. Iron mines and Smelters are now in full blast near by.—Pure drinking water is in abundance.—Electric Cars have been ordered for the motor line.—A \$5,000 school house and a free school; pure air, grand scenery and a five-cent fare are a few compliments we offer you.

### True Story, Fully Verified—What Has Been Done, and What May Be Done Here.

#### To Whom it May Concern :

T. A. Wood induced me in 1883 to invest \$1,200 in a suburb of Portland, Oregon. I have made \$43,500 out of the above investment, \$3,500 in cash, the balance in real estate

I have known T. A. Wood of Portland for 37 years, and so far as I am informed all who have purchased of him or through him have done well.

The following well known citizens of Portland will testify to the truth of the above statement; also to the success of other real estate enterprises conducted by the same management as the Tawood Real Estate Company: Wm. McFall, Secretary Sellwood Real Estate Co.; Joseph L. Melrath, Secretary Portland Real Estate Association; E. T. Hows, Capitalist; H. W. Scott, Editor "Oregonian;" H. L. Pittcock, Manager and Treasurer "Oregonian;" S. J. Barber, President West Portland Park Association.

**HOW TO REMIT MONEY**—Send draft on New York, or for smaller sums Postoffice Orders are better. Make all remittances payable to the TAWOOD REAL ESTATE COMPANY of Portland, Oregon.

The plan by which this Company propose to operate is fully and plainly set forth in circulars which are sent free upon application. Correspondence Solicited. Address.

## THE TAWOOD REAL ESTATE CO., Portland, Oregon.



"The only complete and trustworthy book of the kind published."

## THE RELIABLE COIN AND STAMP GUIDE.

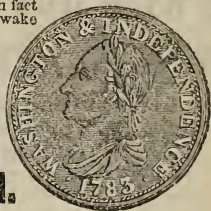


Few people have any idea of the value of old, rare, odd and obsolete coins and stamps. Did you know that a Boston shoemaker sold a collection of coins for **TWENTY THOUSAND DOLLARS?** Did you know that some rare American stamps are worth as high as **SIX HUNDRED DOLLARS EACH?** It is a fact that the rare 1853 quarter is worth \$300.00, the 1823 quarter is worth \$25.00, the 1804 silver dollar is worth \$300.00, half cents made between 1849 and 1850 are worth \$3.00 to \$5.00 each, the large old style copper cents are worth as high as \$6.00 each. Some issues of Continental and Confederate bills are rare and valuable as well as certain pieces of fractional currency or "script." Besides these, many rarities in half cents, cents, three-cent pieces, half dimes, dimes, twenty-cent pieces, quarters, half dollars and dollars are worth a big premium over face value. **The Reliable Coin and Stamp Guide** gives accurate information, and you may depend upon it.



While a great many people collect old coins, there is more demand for rare postage and revenue stamps, and some comparatively recent stamps are now scarce. Collections of stamps often sell as high as **A THOUSAND DOLLARS.** Stamps from letters sent during the war, bottles, match wrappers, old documents, etc., revenue stamps from patent medicine are in great demand, and are worth from **10 CENTS TO \$10.00 A PIECE.** Look over your old letters in the garret and elsewhere; perhaps you may find some rare things. This book gives all particulars, with prices, pictures, etc., and gives addresses of reliable firms **SPOT CASH.** No matter if you handle but ten cents **EVERYBODY NEEDS IT.**

of reliable firms who buy them for a day you should have this book. Farmers, Storekeepers, Clerks, Mechanics, Agents, Postmasters, Doctors, Lawyers, in fact it will be found more than necessary. It is worth its weight in gold to any wide-awake person. Boys and girls should send for it and explore attics and cellars in search of old letters, which may contain rare stamps. Who knows? A small fortune may be in your very midst. Do not write for particulars; do not ask questions; do not send us the coins or stamps, but get the book. It tells all. Where you can sell them at prices given, what they are, what they look like, and why they are rare. This book gives reliable figures only; no fictitious dates or values whatever. It is issued under the supervision and authority of the greatest stamp and coin collector and dealer in North America. **SATISFACTION GUARANTEED.**



**Price, 25c. per Copy, postpaid.**

AMATEUR WORLD PUB. CO.,

871 N. Howard St.,

Baltimore, Md.

## R. L. POLK & CO.

PUBLISHERS

## BALTIMORE CITY DIRECTORY.

BALTIMORE CITY BUSINESS DIRECTORY,

AND MARYLAND AND DISTRICT OF COLUMBIA GAZETTEER,

OFFICE 112 N. CHARLES ST., BALTIMORE, MD.

Either of the above works can be purchased by addressing,

R. L. POLK & Co., 112 N. Charles St., Baltimore, Md.

## TAM O'SHANTER,

By GEO. WM. WARREN.

Price 60 cts.

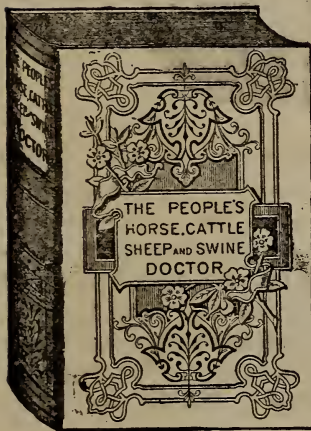
Our price 10 cents.

DeZ. WALWORTH, 871 N. Howard St., Baltimore, Md.





# THE PEOPLE'S



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